

Multi-core induction heaters

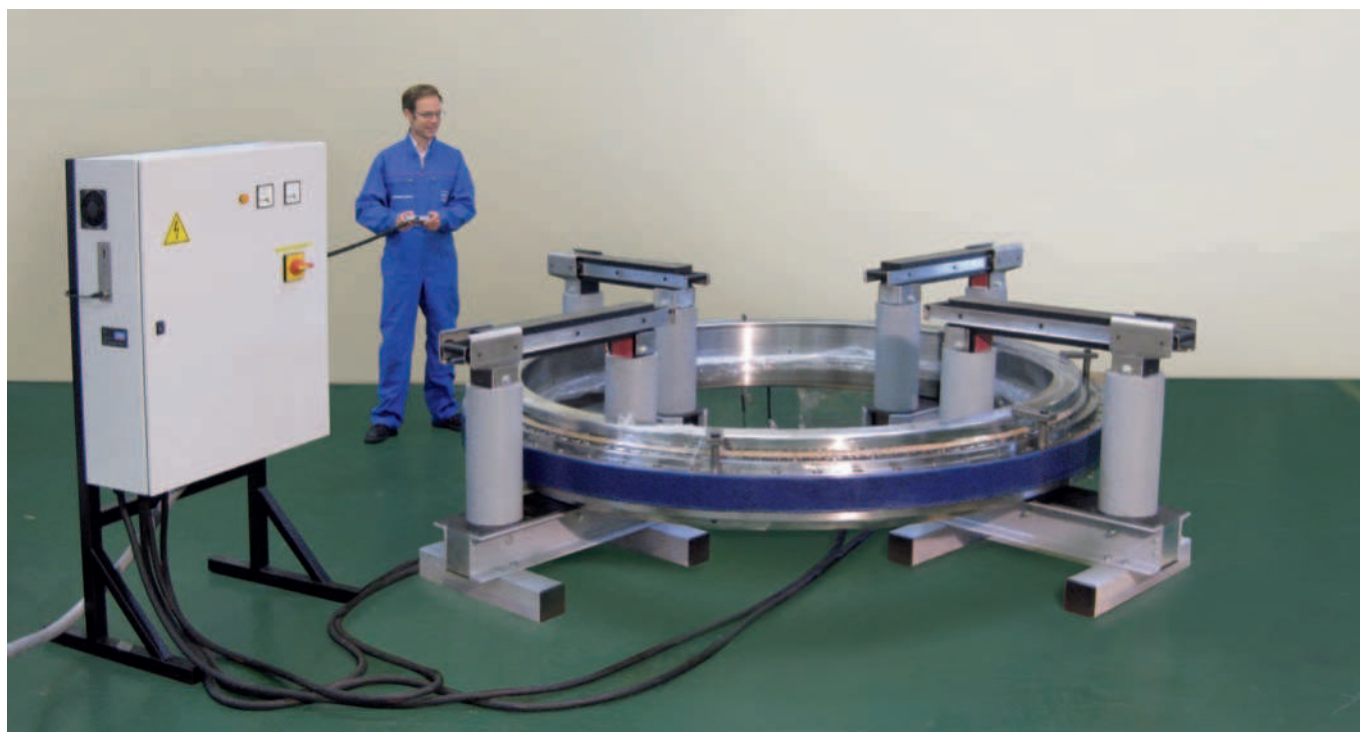
TIH MC series

A unique and flexible heating solution for very large bearings and workpieces

The SKF multi-core induction heaters are energy efficient, custom-made heating solutions. Compared to other heating methods, they often can significantly save heating time.

The TIH MC series are similar to the standard TIH range, with a few key differences and additional features:

- Flexible design, consisting of a number of induction heating cores and coils controlled by a single control and power cabinet
- Suitable for heating large thin section workpieces, such as slewing rings and railway wheel tyres
- Heating capacities of several tonnes are possible, depending on application
- Enables a more even temperature gradient across the whole circumference. This is especially important for components sensitive to uneven induction heating
- Unique design allows for custom-made solutions to be quickly and economically produced
- SKF can configure the type of TIH MC series heater required, depending on the application. For additional information, contact your SKF authorised distributor



The type of TIH MC series heater required depends on the application. Based on your application details, SKF can configure a solution to meet your needs. To select the right solution, we need application information such as:

Bearings to be heated:

- Bearing designation
- If new bearing: main dimension and weight
- Required temperature
- Mounting frequency

Heater data:

- Power supply available
- Present or considered heating method

Workpiece other than bearing, e.g. housing, gear, bushing, etc.:

- Drawing of workpiece with dimensions
- Weight
- Material of workpiece
- Required temperature
- Mounting frequency

